Appendix A

Applicants' Marked-Up Claim Language

3.   (Twice Amended) A method for storing programming at a programming storage station, said storage station having a storage device capable of storing programming, and an automatic control unit for controlling said storage device to store information, said method comprising the steps of:

storing a [programming requirement] control signal operative to store programming;

locating an available programming storage space among a plurality of available storage spaces based on said [step of storing a] stored [programming requirement] control signal operative to store programming; and

storing first programming [based on said step of locating an] at said located available programming storage space.

4.   (Twice Amended)   The method of claim 3, wherein said [requirement] control signal operative to store programming designates programming required at a future time, said method further comprising the step of

identifying required programming.

5.   (Twice Amended)   The method of claim 3, wherein said control signal operative to store programming designates programming required at a future time, said method further comprising the step of

identifying [information] programming which is not required.

6.   (Twice Amended)   The method of claim 3, further comprising the step of comparing information [stored] received at [one or more of] said programming storage station [and to said automatic control unit] to said [requirement] control signal operative to store programming.

7.   (Twice Amended)   The method of claim 3, further comprising the steps of:

inputting [at least some] a portion of a stored signal to [a processor] said automatic control unit; and

processing said inputted portion to locate said available programming storage space.

8-15, 17, and 18.   (Cancelled)

20.   (Amended)   The method of claim 3, wherein said first programming includes an incomplete programming element, and second programming operates to complete said incomplete programming element by processing a class of data, said method further comprising the step of

receiving a control signal which designates [at least one of] said incomplete programming element [and] or said class of data.

21.   (Amended)   The method of claim 20, wherein said class of data designates programming [distributor] transmitter data, said method further comprising the step of

receiving and storing said programming transmitter [distributor] data.

22.   (Amended)   The method of claim 20, wherein said class of data designates subscriber data, said method further comprising the step of

[receiving and] storing subscriber data.

30.   (Amended)   The method of claim 3, wherein [a controller is operatively connected to said first storage station and] a control [program] signal causes said [controller] automatic control unit to control [one or more] a peripheral device[s], said method further comprising the step of

receiving and storing said control [program] signal.

31.   (Twice Amended)   The method of claim 30, wherein said [one or more] peripheral [devices include at least one of a matrix switch and a digital] device comprises a switch operatively connected to said [first] storage station[, said method further comprising the step of

receiving and storing an identifier designating information to be communicated by said at least one of said matrix switch and said digital switch].

32.   (Amended)   The method of claim 30, wherein said [storage station includes at least one of (1) a first tape player and (2)] peripheral device comprises a memory operatively connected to [a computer] said storage station.

33.   (Amended)   The method of claim 30, wherein said first programming is received in [an analog] a television signal, said method further comprising the step of

detecting an identifier that identifies a portion of said first programming.

34.   (Amended)   The method of claim [30] 33, wherein said [first programming is received in a digital] television signal comprises an analog television signal.

35.   (Amended)   The method of claim [20] 30, wherein said control signal is detected in a information transmission that contains said first programming, said method further comprising the step of

storing said [second programming] control signal with said first programming.

36.   (Amended)   The method of claim 35, wherein said [second programming includes at least some of an intermediate generation set and a program instruction set] control signal is embedded in said information transmission.

37.   (Twice Amended)   A method for storing programming at a storage station, said storage station having a plurality of storage locations each capable of storing at least one of television and radio programming; a transfer device capable of communicating said at least one of television and radio programming [at least one of] to and from each of said plurality of storage locations; and [at least one of] a [processor,] controller[, and computer] for controlling [at least one of] said plurality of storage locations and said transfer device, said method comprising the steps of:

receiving [a signal] an information transmission including [said] at least one of television and radio programming;

selecting [at least one of said plurality of] a storage location[s];

transferring said received [signal] information transmission [including said at least one of television and radio programming] to said selected [at least one of said plurality of] storage location[s];

storing said received [signal] information transmission [including said at least one of television and radio programming] at said selected [at least one of said plurality of] storage

location[s]; and

storing an intermediate generation set in respect of said [at least one of television and radio programming] stored information transmission [at said storage station in which said intermediate generation set is], said intermediate generation set comprising computer program information that causes an intermediate transmission station apparatus to generate [at least one of] a program instruction set [information and command information].

38.   (Twice Amended)   The method of claim 37, wherein said [computer] controller is operatively connected to said storage station, said method further comprising the steps of:

communicating said intermediate generation set to said [computer] controller; and

modifying said [signal including said at least one of television and radio programming] information transmission in accordance with said intermediate generation set.

39.   (Twice Amended)   The method of claim 38, wherein a signal generator is operatively connected to said storage station and modifies said [signal including said at least one of television and radio programming] information transmission by embedding information into [signal including said at least one of television and radio programming] said information transmission, said method further comprising the steps of:

controlling said storage station to transfer said [signal including said at least one of television and radio programming] information transmission to said signal generator;

generating at least some of said information in accordance with said intermediate generation set; and

communicating said information to said signal generator.

40.   (Twice Amended)   The method of claim 39, wherein a transmitter is operatively connected to said signal generator, said method further comprising the step of

transmitting said modified [signal including said at least one of television and radio programming] information transmission.

42.   (Amended)   The method of claim 38, wherein said [at least one of television and radio

programming] information transmission is modified by embedding [combining] at least one of video and audio into said [at least one of television and radio programming] information transmission.

45.   (Twice Amended)   The method of claim 37, further comprising the step of embedding said intermediate generation set in said [signal including said at least one of television and radio programming] information transmission.

46.   (Twice Amended)   The method of claim 45, wherein said information transmission includes television programming, said intermediate generation set [is] being embedded in said [signal including said at least one of television and radio programming] information transmission before [signal including] said [at least one of] television [and radio] programming [is stored].

51.   (Twice Amended)   A method of storing information at a storage station, said storage station including [at least one] a storage location capable of storing programming, a receiver for receiving at least audio from a remote transmitter station, a transfer device capable of communicating said programming [at least one of] to and from said [at least one] storage location, and a processor capable of controlling [at least one of] said [at least one] storage location and said transfer device, said method comprising the steps of:

receiving [at least one signal] an information transmission including [said] programming,

a first portion of said programming to be outputted for a duration of time, only some of said duration of time including a time interval of specific relevance,

a second portion of said programming including audio, at least said second portion of said [at least one signal] programming being received from said remote transmitter station;

communicating said received [at least one signal] information transmission to said [at least one] storage location;

storing said first and second portions of said programming at said [at least one] storage location; and

storing at least one of computer code and data at said storage station, said at least one of computer code and data being operative at an ultimate receiver station to enable said ultimate receiver station to select [said] audio of said second portion and cause an audio output device to

output said selected audio of said second portion during said time interval of specific relevance.

52.   (Twice Amended)   The method of claim 51, further comprising the steps of:

communicating said at least one of said computer code and said data to [a computer] said processor; and

under control of said [computer] processor, modifying [at least one of] said programming [and said at least one signal] in accordance with said at least one of said computer code and said data.

53.   (Twice Amended)   The method of claim 52, wherein said [signal including said] programming is modified by embedding information in said [signal] programming.

54.   (Unchanged)   The method of claim 52, wherein said programming is modified by combining audio into said programming.

55.   (Twice Amended)   A method of storing information at a storage station, said storage station including a[t least one] storage location capable of storing programming, a receiver for receiving at least audio from a remote transmitter station, a transfer device capable of communicating said programming [at least one of] to and from said [at least one] storage location, and a processor capable of controlling [at least one of] said [at least one] storage location and said transfer device, said method comprising the steps of:

receiving [at least one signal] an information transmission including said programming,

a first portion of said programming including audio,

a first part of said audio to be outputted at an ultimate receiver station before a time interval of specific relevance,

a second part of said audio to be outputted at said ultimate receiver station after said time interval of specific relevance,

[at least] a second portion of said [at least one signal] programming including video,

at least said first portion of said signal being received from said remote transmitter station;

communicating said received [at least one signal] information transmission to said [at least one] storage location;

storing said first and second portions of said programming at said [at least one] storage location; and

storing at said storage station [at least on processor] at least one processor instruction which is effective to modify said [at least one signal] information transmission for transmission to said ultimate receiver station.

56.   (Unchanged)   The method of claim 55, wherein said at least one processor instruction is effective to modify said programming.

57.   (Twice Amended)   A method of enabling a [storage device] station of a particular kind to deliver complete programming, said [storage device having] station including [at least one storage location capable of storing at least one of video and audio programming, a transfer device capable of communicating said at least one of video and audio programming at least one of to and from said at least one storage location, and a processor capable of controlling at least one of said transfer device and said at least one storage location,] a storage device, and said method comprising the steps of:

[receiving a first signal, said first signal including said at least one of video and audio programming, said at least one of video and audio programming having an associated identification datum and a programming element which is incomplete as regards a class of data;

communicating said first signal to said at least one storage location;]

storing programming [said first signal] at said [at least one] storage [location] device, said programming comprising a computer program and a portion to be completed by accessing prestored data at said station of a particular kind,

wherein said computer program is operative to complete said portion when executed at said station of a particular kind, said execution of said computer program enabling a processor at said station of a particular kind to select a specific datum from said prestored data and place information, which results from a processing of said selected datum, into said portion to be completed, thereby completing said programming; and

storing [at least one of an intermediate generation set and a program instruction set at said

storage device, said at least one of an intermediate generation set and a program instruction set including at least some portion of] a control signal, which [designates at least one of said incomplete programming element and said class of data and which upon command] is operative at at least one particular kind of station, said control signal operative to cause said execution of said computer program [to complete said incomplete programming element],

whereby said [device] station of a particular kind is enabled to deliver [a] complete programming [presentation in response to a user instruction to play].

58.   (Amended)   The method of claim 57, wherein said [class of] prestored data designates programming [distributor] transmitter data, said method further comprising the step of

receiving and storing programming [distributor] transmitter data.

59.   (Amended)   The method of claim 57, wherein said [class of] prestored data designates subscriber data, said method further comprising the step of

[receiving and] storing subscriber data.

60.   (Amended)   The method of claim 57, wherein said control signal [is to] comprises a series or stream of sequentially transmitted control instructions, said method further comprising the step of

[receiving and] storing in said control signal two or more control instructions in a specific order with information designating a time period.

61.   (Amended)   The method of claim 60, wherein said series or stream of sequentially transmitted control instructions is to be included in a message stream, said method further comprising the step of

[receiving and] storing [instructions which are] an instruction which is effective to instruct said processor to process at least one message of said message stream.

62.   (Twice Amended)   The method of claim 57, wherein said [at least one of an] portion to be completed [intermediate generation set and a program instruction set operates to generate a control signal by processing information of said class of data, said method further comprising the step of

receiving and storing] comprises generally applicable information [of said control signal].

63.   (Amended) The method of claim 62, wherein said generally applicable information [of said control signal] is to be included in machine language code.

64.   (Twice Amended)   The method of claim 62, wherein said generally applicable information [of said control signal] includes higher language code and said [intermediate generation set] computer program operates to generate [said portion of a control signal by completing] a module including said higher language code.

68.   (Amended)   The method of claim 57, wherein a control [program] signal causes a controller operatively connected to said storage [device] station to control [one or more] a peripheral device[s], said method further comprising the step of

[receiving and] storing said control [program] signal.

72.   (Cancelled)

73.   (Amended)   The method of claim 57, wherein said storage [device] station is [located at] an intermediate transmitter station, said method further comprising the step of

transmitting said first [signal] programming [and at least one of said program instruction set and a command generated in accordance with said intermediate generation set].

74.   (Amended)   The method of claim 57, wherein said storage [device] station is [located at] an ultimate receiver station.

82.   (Twice Amended)   A method of enabling a mass medium programming storage device to store and deliver mass medium programming, said storage device comprising [at least one] a storage location capable of storing said mass medium programming, a [transmission] transfer device capable of communicating said mass medium programming [at least one of] to and from said [at least one] storage location, and a processor capable of controlling [at least one of] said [transmission] transfer

device and said [at least one] storage location to [at least one of] receive, store, and communicate said mass medium programming, comprising the steps of:

receiving [a signal] an information transmission including said mass medium programming, said mass medium programming having an identification datum and a programming element which is [incomplete] to be completed regarding a class of data;

communicating said [signal] information transmission [including said mass medium programming] to said [at least one] storage location;

storing said [signal] information transmission [including said mass medium programming] at said [at least one] storage location; and

storing at least one of an intermediate generation set and a program instruction set at said mass medium programming storage device, said at least one of an intermediate generation set and a program instruction set including [at least some portion of] a control signal which designates at least one of said incomplete programming element to be completed and said class of data and which is operative to complete said incomplete programming element to be completed [, whereby said storage device is enabled to deliver a complete programming presentation in response to a user instruction].

83.   (Amended)   The method of claim 82, wherein said class of data designates programming [distributor] transmitter data, said method further comprising the step of:

[receiving and] storing said programming [distributor] transmitter data.

84.   (Amended)   The method of claim 82, wherein said class of data designates subscriber data, said method further comprising the step of:

[receiving and] storing said subscriber data.

85.   (Amended)   The method of claim 82, wherein said control signal comprises sequentially transmitted control instructions, said method further comprising the step of:

[receiving and] embedding in said control signal at least two control instructions in a specific order with information designating a time period.

86.   (Amended)   The method of claim 85, wherein said sequentially transmitted control

instructions comprise a message stream, said method further comprising the step of:

[receiving and] storing [instructions which are] an instruction which is effective to instruct said processor to process at least one message of said message stream.

87-89. (Cancelled)

93.   (Amended)   The method of claim 82, wherein a control [program] signal causes a controller operatively connected to said storage device to control [at least one] a peripheral device, said method further comprising the step of:

[receiving and] storing said control [program] signal.